CHIAYO

CT-711 / CR-711 / CT-800

UHF PLL Beltpack Transmitter & Receiver / Stationary Transmitter

OPERATION MANUAL

DIN EN ISO 9001
Certificate NO:09 100 89126

GREEN PRODUCT
It has been RoHS Compliant

CHIAYO ELECTRONICS CO., LTD.

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Printed in Taiwan, October 2008

Introduction

Congratulations and thank you for the purchase of CT-711 / CR-711 / CT-800 Tour Guide / Assistive Listening System. This system is PLL-synthesized with 100 factory preprogrammed channels. Please read this manual thoroughly to be fully familiarized with its controls and functions.

Description

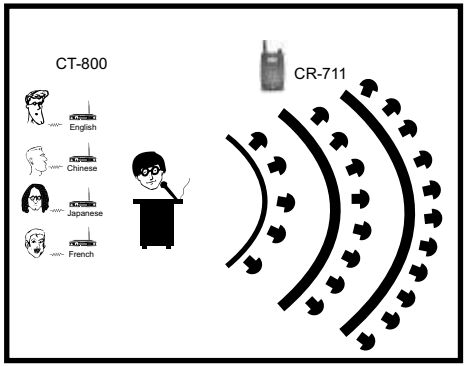
Model	CT-800	CT-711	CR-711
Description	Stationary Transmitter	Belt-pack Transmitter	Belt-pack Receiver
Frequency band	UHF high band		
No. of channel	100		
Power supply	AC	AA battery * 2	

Applications

1.Simultaneous language interpretation

System recommendation :

CT-800 (several, depending on number of languages used), CR-711 (many)Each language must use a dedicated frequency for transmission and all the frequencies used must be interference-free.



FCC Caution :

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Radiation Exposure Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions :

(1)This device may not cause harmful interference.

(2)This device must accept any interference received, including interference that may cause undesired operation.

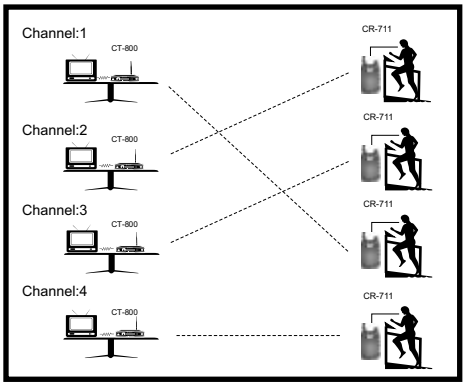
Charging the batteries

First, make sure the types of the battery mode and batteries installed are all NiMH. Secondly, both batteries have to be of the same brand/ specification.
When the battery-status LED keeps flashing, it means the batteries are weak and recharging is thus necessary. There are 2 methods of charging, namely via
A: AC adaptor-Plug the connector of the adaptor into the DC IN jack of the transmitter and the adaptor to a wall AC outlet.
B:Charger-Set CR-711 vertically into the charger jack and have the charging points contact the charger correctly.
During the charging process, the battery-status indicator LED will keep flashing. As long as the process is completed, "FULL" will be shown on the display and the LED will stop flashing and keep lighting until this transmitter is removed from the charger.

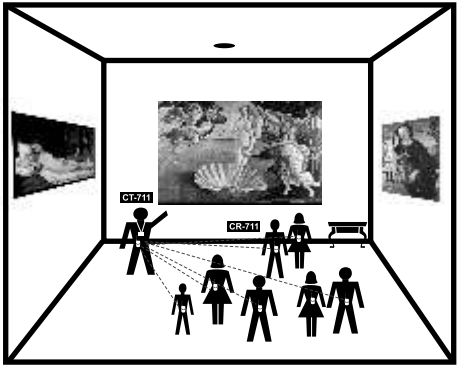
Belt clip

This uniquely designed belt clip(15) allows 360° rotation. Select the best position to achieve your optimum comfort.

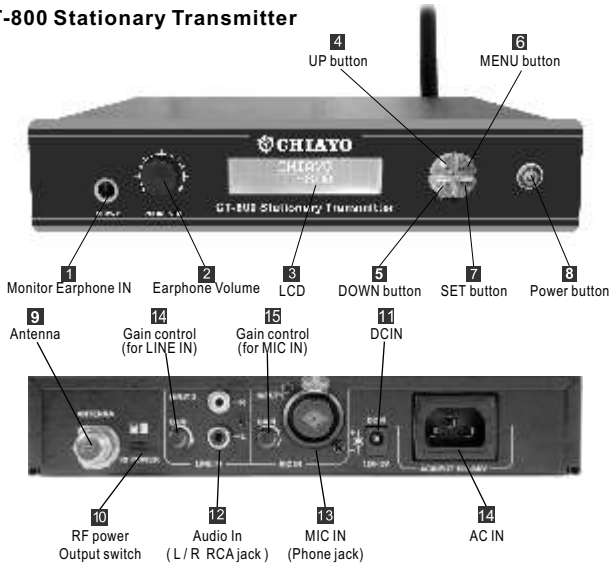
2.Fitness centre broadcast use.
System recommendation:
CT-800 (several, depending on the number of TV sets), CR-711 (many, privately own by club members)
Each broadcast must use a dedicated frequency for transmission and all the frequencies used must be interference-free.



3.Guided tour
System recommendation:
CT-711 (one), CR-711 (many)



CT-800 Stationary Transmitter



14&15. Gain control is used to adjust sensitivity of CT-800 respectively from **LINE IN and **MIC IN**. User can rotate the knob until a desired acoustic quality is reached.

10. RF output power can be selected between **HI and **LOW**, depending on the environment of application.

LCD display information of CT-800 Stationary Transmitter

Function of control keys :

MENU : Page Up
SET : Activate change / Store / Move Cursor
+ : Up
- : Down

Various setting display pages

First, press the release buttons on both sides of the transmitter to open the battery compartment.

Press SET once to make the display roll to

This page shows the current channel and its corresponding frequency. You can press UP and DOWN to choose a desired channel. There are 100 preset channels for selection.

Press SET twice continuously to make the display roll to

Battery types for CR-711 include Alkaline battery (not rechargeable) and NiMH battery (rechargeable). Please be sure to select the correct battery type according to the batteries installed. If the types of the mode and in-use batteries are not the same, the battery-status display may not normally reflect correct battery status information and recharging process will not be activated.

Press SET 3 times continuously to make the display roll to

This programming allows users to select desired channels from those preset 100 ones. For example, if you temporarily don't need channel 2 to 5, just press UP or DOWN to channel 2 and then press SET till DELETE shows on the LCD display, meaning channel 2 has stopped its function. So can the other channels be programmed accordingly. Thus only 96 channels are left for normal operation. Of course, those deleted channels can return to function by making them selected by the same way they were deleted.

Press SET 4 times continuously to make the display roll to

Pressing UP and DOWN will have the receiver scan out the in-use channel in different directions automatically.

Press SET 5 times continuously to make the display roll to

If the reception is apparently affected by interferences, squelch-level setting is necessary. There are 10 levels for adjustment from 1 (min.) To 10(max.). Press UP or DOWN to change the level until an acceptable one has been selected. When the reception quality isn't clearly improved even the max level has been chosen, it means the current channel isn't applicable for use in this location and accessing changes to channel is recommended.

Press SET 6 times continuously to make the display roll to

Aut-off is an unique design to reduce unnecessary current consumption of the receiver. You can select either "Disable" or "Enable". If " Enable" is chosen, the receiver will automatically shut off when it doesn't received signals from the transmitter for 5 minutes. However, if "Disable" is chosen, the function will be terminated until "Enable" is selected.

CR-711 Parts and functions

❶ Antenna
❷ Audio on/off switch
❸ Battery-status indicator
❹ TMP / XLR connector
❺ LCD display
❻ DC-in jack / Charging port
❼ Cover-release button
❽ Battery compartment
❾ Charging contacts
❿ Power on / off
⓫ SET button
⓬ UP button
⓭ DOWN button
⓮ Lock / Unlock
⓯ Belt clip

Battery installation

First, use a small tool to push both locks (14) outward(14) on the rear to unlock the battery compartment as illustrated in right picture. Then push the release buttons on both sides of the receiver to open the cover. CR-711 uses 2 AA batteries to operate.

To operate, press power ON button (8) once, then the CHANNEL / AF SIGNAL page will appear:

Press MENU button once, the display will change to FREQUENCY / AF SIGNAL page :

Press MENU button again, the display will change to USER NAME / CHANNEL NO page :

Display setting instructions

BRAND / MODEL NO page is factory preset and is NOT user changeable !

1.To change CHANNEL and FREQUENCY
This can be done at either the FREQUENCY / AF SIGNAL page or the CHANNEL / FREQUENCY page.
To make changes, press SET key for about 3 seconds, by default the display page will jump to CHANNEL / FREQUENCY page, even though it is at FREQUENCY / AF SIGNAL page when SET is pressed.
The cursor will flash at the last digit of the channel. Pressing "+" is to move UP one channel and "-" to move DOWN one channel. As the channel number moves UP or DOWN, the frequency will change accordingly. There are 100 preset channels for CT-800, so selection could be made from channel 001 to 100. After the desired channel has been selected, press SET for about 3 seconds to store the setting into the memory. However, at any instant, if the flashing cursor is left idle for about 10 seconds, cursor will stop flashing, the process will be terminated, changes will not be stored and the last setting will remain unchanged.

2.To change USER NAME.
Press MENU until the USER NAME / CHANNEL NO. page appears. To make changes, press SET for about 3 seconds and then the cursor will flash at the first letter to allow changes. Pressing SET once will move the cursor one position rightward. Pressing "+" is to roll UP the ASCII code and "-" is to DOWN one ASCII code.
After all the desired changes have been made, press SET for about 3 seconds to store the setting into the memory. However, at any instant, if the flashing cursor is left idle for about 10 seconds, cursor will stop flashing, the process will be terminated, changes will not be stored and the last setting will remain unchanged.

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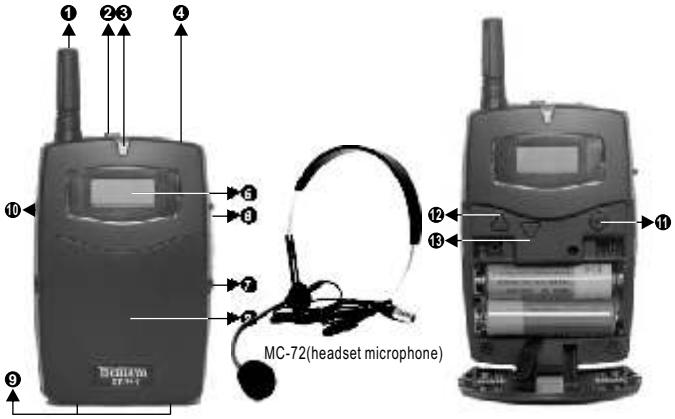

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